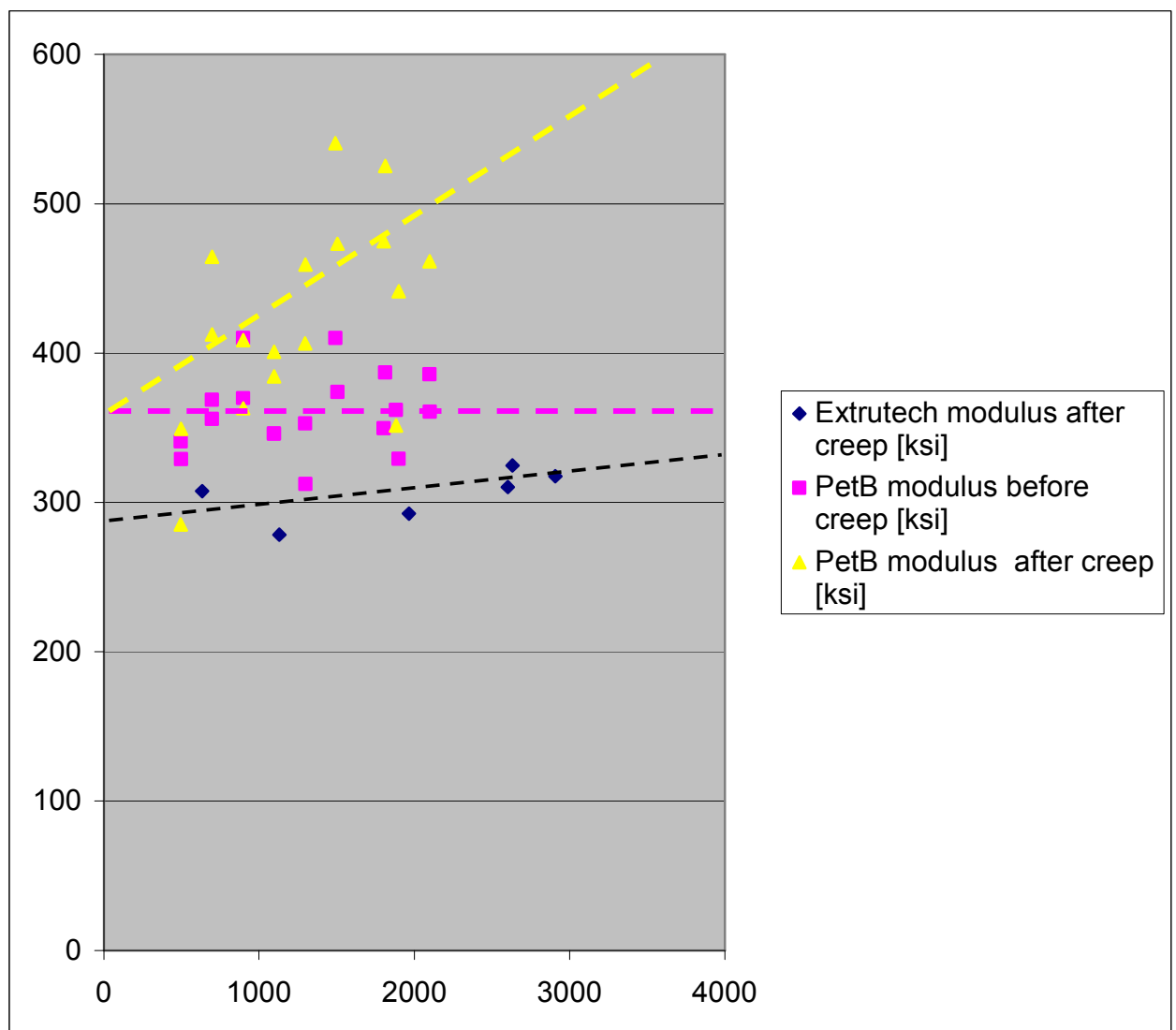


What I don't know about PVC Creep

Something we Do Know now:

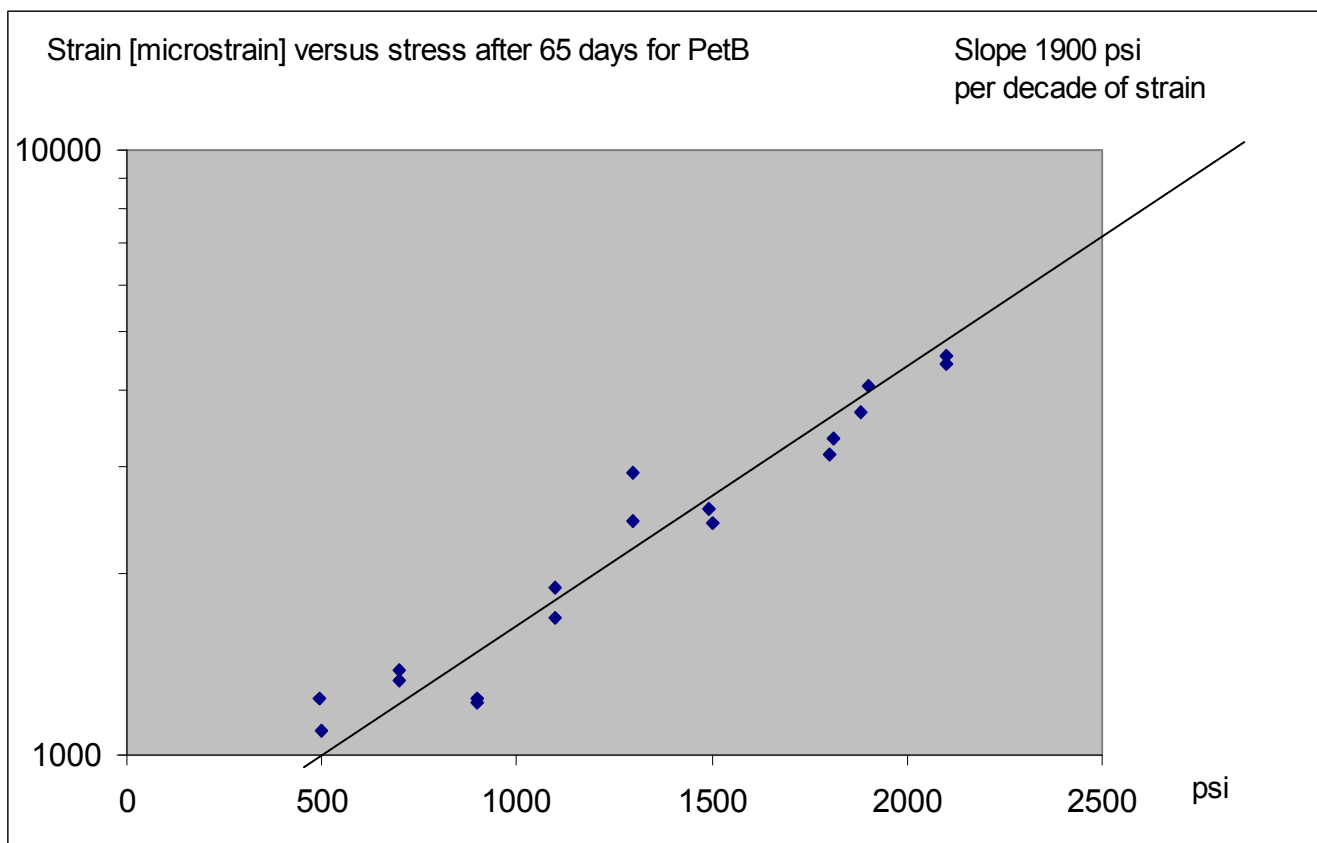
How is the elastic modulus affected by creep history?

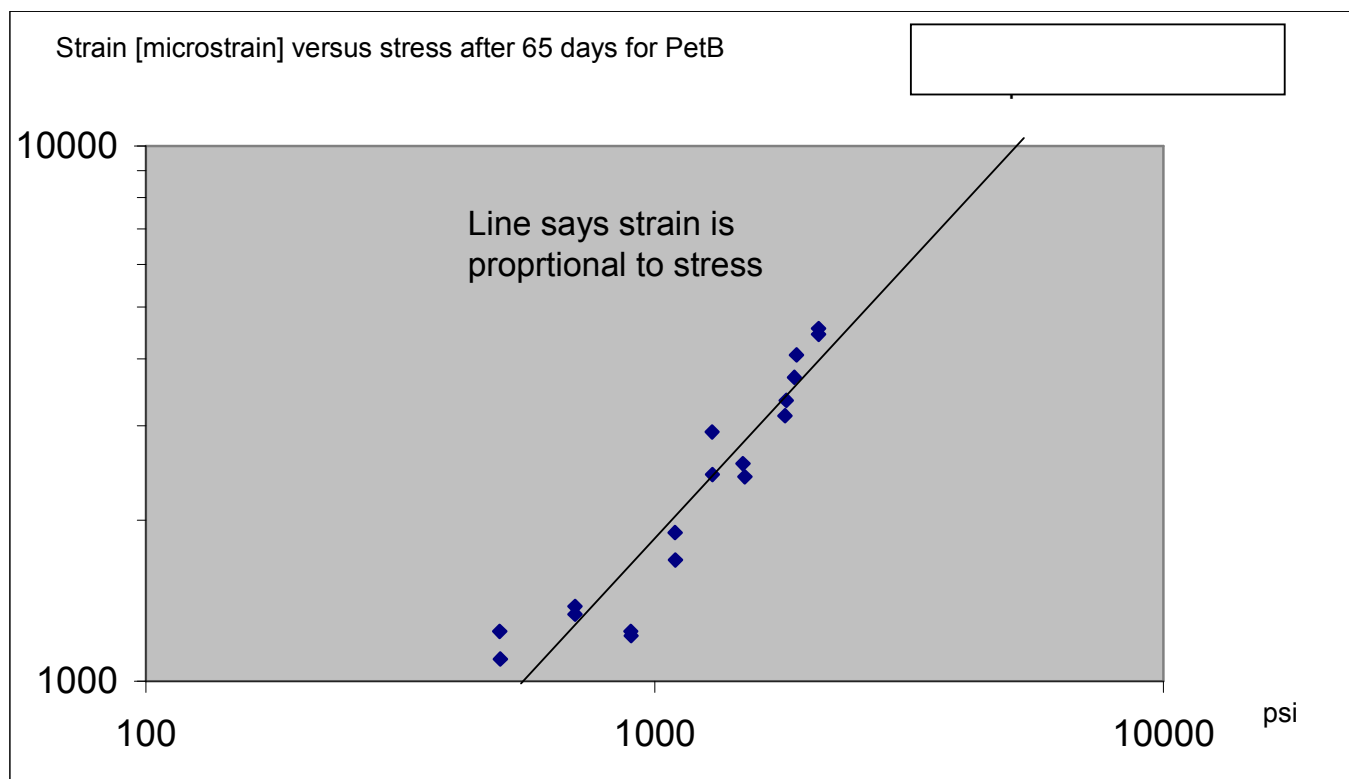


Conclusion:

Modulus increases during creep, but not dramatically.
My lines may be misleading you !

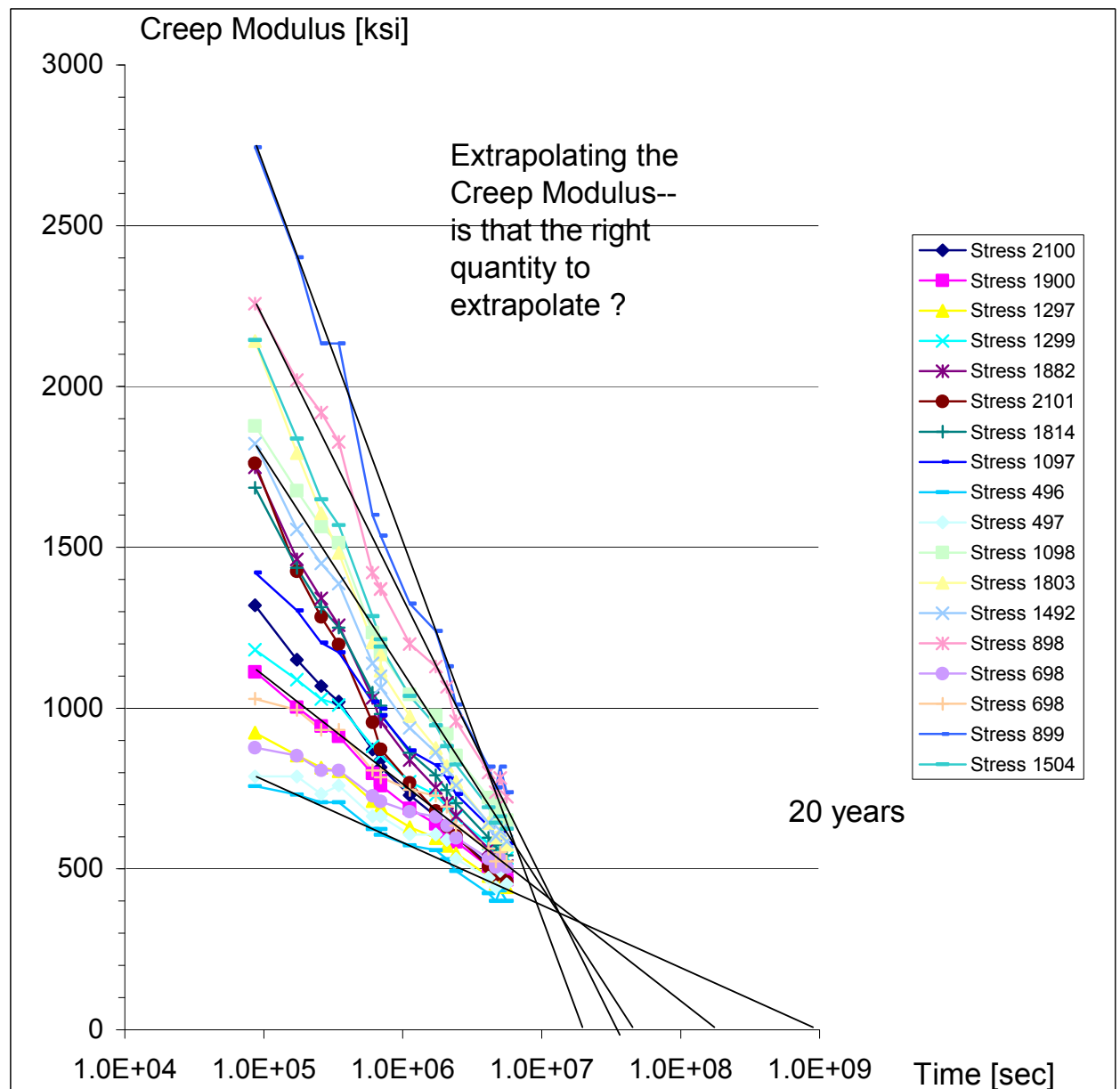
**Is Creep Proportional to Stress,
or does it grow Exponentially with Stress?**





Conclusion:
The Data are not conclusive

Which Quantity to Extrapolate to Twenty Years?



Conclusion: Creep modulus seems a poor choice—goes negative and extrapolation depends on stress level.

Should we extrapolate Strain to 20 years?
Seems at least reasonable.
Is there a theoretical foundation to do so ?

